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Search Results -

Terms	Documents
l21 and l18 and l16	5

Database:
- US Patents Full-Text Database
- US Pre-Grant Publication Full-Text Database
- JPO Abstracts Database
- EPO Abstracts Database
- Derwent World Patents Index
- IBM Technical Disclosure Bulletins

Refine Search: `121 and 118 and 116` Clear

Search History

Today's Date: 4/27/2001

DB Name	Query	Hit Count	Set Name
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	l21 and l18 and l16	5	L22
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	(homocys$ or hcy$)	2095	L21
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	l19 and l16	1	L20
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	l15 and l18	5	L19
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	(alkaline)near2(phosphatase)	15232	L18
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	l15 and l16	1	L17
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	(baba or bromoacetylbenz$ or caba or chloroacetylbenz$ or haloacetylbenz$)	19114	L16
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	(cys$ or homocys$ or hcy)near3(assay$ or immunoassay$)	69	L15
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	l11 and (l5 or l6)	0	L14
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	l11 and l12	0	L13
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	(protect$).ti.	261657	L12
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	(biological)near2(label$).ti.	48	L11
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	keczer	0	L10
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	l8 and (hcy$ or homocys$ or cys$)	0	L9
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	l5 or l6	258	L8
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	l1 and l5 and l6	2	L7
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	(kurn)near2(nurith)	42	L6
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	(ping)near2(liu)	219	L5
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	l1 and (caba or baba)	0	L4
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	l1 and alkylat?	0	L3
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	l1 and (hcy or homocys? or cys?)	0	L2
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	(dade)near2(behring)	328	L1

09/393,574

(FILE 'HOME' ENTERED AT 14:27:03 ON 27 APR 2001)

FILE 'CAPLUS, EMBASE, BIOSIS, MEDLINE, WPIDS' ENTERED AT 14:27:36 ON 27 APR 2001

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L1            1 S (KECZER, S? OR KECZER S?)/AU,IN
L2        30473 S (LIU, Y? OR LIU Y?)/AU,IN
L3           41 S (DAVALIAN, D? OR DAVALIAN D?)/AU,IN
L4          131 S (KURN, N? OR KURN N?)/AU,IN
L5          561 S (ULLMAN, E? OR ULLMAN E?)/AU,IN
L6        31114 S L1-L5
L7           14 S L6 AND (HOMOCYS? OR HCY?)
L8            9 DUP REM L7 (5 DUPLICATES REMOVED)
L9         1678 S (BROMO OR CHLORO OR BR OR CL OR HALO)(2A)(BENZOIC ACID?)
L10         613 S (CABA OR BABA)
L11        2291 S L9 OR L10
L12           8 S L11 (5A)(PHOSPHAT?)
L13           8 DUP REM L12 (0 DUPLICATES REMOVED)
L14           0 S L11 AND (HOMOCYS? OR HCY?)
L15          32 S L11 AND (CYS? OR ?HOMOCYS? OR HCY?)
L16          19 DUP REM L15 (13 DUPLICATES REMOVED)
L17        9112 S (ASSAY? OR DETECT?)(3A)(CYS? OR ?HOMOCYS? OR HCY?)
L18        1121 S (ALKYLAT?)(3A)(PROTECT?)
L19           0 S L17 AND L18
L20       45359 S (ALKYLAT?)(3A)(AGENT? OR COMPOUND? OR REAGENT?)
L21         407 S ?ACETYLBENZOIC?
L22         613 S CABA OR BABA
L23       46376 S L20-L22
L24          24 S L23 AND L17
L25          12 DUP REM L24 (12 DUPLICATES REMOVED)
L26          70 S ?PHOPHINE?
L27      110591 S ?PHOSPHINE?
L28      110603 S L26 OR L27
L29         351 S L23 AND L28
L30           2 S L29 AND IMMUNOASSAY?
L31         223 S L20(3A)(PROTECT?)
L32           1 S L29 AND L31
L33         237 S L23(3A)(PROTECT? OR ENOL PHOSPHAT?)
L34           1 S L33 AND L28
L35           5 S L33 AND COUPL?
L36           3 DUP REM L35 (2 DUPLICATES REMOVED)

=>
```

L1 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2001 ACS
AN 1995:911305 CAPLUS
DN 124:117041
TI Synthesis of RS-91309-[3H] and 2-pyridone-[4,6-3H]
AU **Keczer, Steve de**; Parnes, Howard
CS Syntex Discovery Research, Palo Alto, CA, 94304, USA
SO Synth. Appl. Isot. Labelled Compd. 1994, Proc. Int. Symp., 5th (1995), Meeting Date 1994, 101-3. Editor(s): Allen, John; Voges, Rolf. Publisher: Wiley, Chichester, UK.
CODEN: 61UMAF
DT Conference
LA English

=> d ab

L5 ANSWER 1 OF 561 CAPLUS COPYRIGHT 2001 ACS
AB Unavailable

=> d his

(FILE 'HOME' ENTERED AT 14:27:03 ON 27 APR 2001)

FILE 'CAPLUS, EMBASE, BIOSIS, MEDLINE, WPIDS' ENTERED AT 14:27:36 ON 27 APR 2001
L1 1 S (KECZER, S? OR KECZER S?)/AU,IN
L2 30473 S (LIU, Y? OR LIU Y?)/AU,IN
L3 41 S (DAVALIAN, D? OR DAVALIAN D?)/AU,IN
L4 131 S (KURN, N? OR KURN N?)/AU,IN
L5 561 S (ULLMAN, E? OR ULLMAN E?)/AU,IN

=> s l1-l5
L6 31114 (L1 OR L2 OR L3 OR L4 OR L5)

=> s l6 and (homocys? or hcy?)
L7 14 L6 AND (HOMOCYS? OR HCY?)

=> dup rem l7
PROCESSING COMPLETED FOR L7
L8 9 DUP REM L7 (5 DUPLICATES REMOVED)

=> d 1-9

L8 ANSWER 1 OF 9 CAPLUS COPYRIGHT 2001 ACS
AN 2001:186030 CAPLUS
DN 134:219382
TI Composition and test kit for protecting groups used in biological labeling comprising protected alkylating reagent and deprotecting enzyme
IN De Keczer, Steve; **Liu, Yen Ping; Davalian, Dariush; Kurn, Nurith; Ullman, Edwin F.**
PA Dade Behring Inc., USA
SO PCT Int. Appl., 71 pp.
CODEN: PIXXD2
DT Patent

LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001018548	A2	20010315	WO 2000-US22397	20000815
	W: JP				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
PRAI	US 1999-393579	A	19990909		

L8 ANSWER 2 OF 9 CAPLUS COPYRIGHT 2001 ACS DUPLICATE 1
AN 2000:15483 CAPLUS
DN 132:75694
TI Assay for **homocysteine** using cis-1,4-dioxo-2-butene compounds
IN **Ullman, Edwin F.**
PA USA
SO PCT Int. Appl., 48 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000000821	A1	20000106	WO 1999-US14504	19990625
	W: AU, CA, JP				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	AU 9948355	A1	20000117	AU 1999-48355	19990625
PRAI	US 1998-90992	P	19980629		
	WO 1999-US14504	W	19990625		

OS MARPAT 132:75694
RE.CNT 2
RE
(1) Rozzell; US 5885767 A 1999 CAPLUS
(2) Sundrehagen; US 5631127 A 1997 CAPLUS

L8 ANSWER 3 OF 9 CAPLUS COPYRIGHT 2001 ACS DUPLICATE 2
AN 2000:655948 CAPLUS
DN 133:346678
TI Homogeneous, rapid luminescent oxygen channeling immunoassay (LOCI) for **homocysteine**
AU **Liu, Yen Ping**; De Keczer, Steve; Alexander, Svetlana; Pirio, Marcel; **Davalian, Dariush; Kurn, Nurith; Ullman, Edwin F.**
CS Advanced Diagnostics Division, Dade Behring Inc., San Jose, CA, 95161, USA
SO Clin. Chem. (Washington, D. C.) (2000), 46(9), 1506-1507
CODEN: CLCHAU; ISSN: 0009-9147
PB American Association for Clinical Chemistry
DT Journal
LA English
RE.CNT 7
RE
(1) Fiskerstrand, T; Clin Chem 1993, V39, P263 CAPLUS
(2) Guttormsen, A; Clin Chem 1993, V39, P1390 CAPLUS
(3) Jacobsen, D; Clin Chem 1994, V40, P873 CAPLUS
(4) Ueland, P; Clin Chem 1993, V39, P1764 CAPLUS
(5) Ueland, P; J Lab Clin Med 1989, V114, P473 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 4 OF 9 CAPLUS COPYRIGHT 2001 ACS DUPLICATE 3
AN 2000:497544 CAPLUS
DN 133:347919
TI Physiologic concentrations of **homocysteine** inhibit the human plasma GSH peroxidase that reduces organic hydroperoxides
AU Chen, Nengqian; **Liu, Yuxiu**; Greiner, Charles D.; Holtzman, Jordan L.
CS Department of Pharmacology and Medicine, University of Minnesota, Minneapolis, MN, USA
SO J. Lab. Clin. Med. (2000), 136(1), 58-65
CODEN: JLCMAK; ISSN: 0022-2143
PB Mosby, Inc.
DT Journal
LA English
RE.CNT 48
RE
(2) Anderson, M; J Biol Chem 1980, V255, P9530 CAPLUS
(3) Arai, M; J Biol Chem 1999, V274, P4924 CAPLUS
(4) Araki, A; J Chromatogr 1987, V422, P43 CAPLUS
(6) Blann, A; Atherosclerosis 1995, V116, P191 CAPLUS
(7) Bowry, V; Proc Natl Acad Sci USA 1992, V89, P10316 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 5 OF 9 BIOSIS COPYRIGHT 2001 BIOSIS
AN 1999:447370 BIOSIS
DN PREV199900447370
TI **Homocysteine** inhibits plasma GSH peroxidase.
AU Chen, N.-Q. (1); **Liu, Y.-X. (1)**; Greiner, C. D. (1); Holtzman, J. L. (1)
CS (1) Departments of Medicine and Pharmacology, University of Minnesota and Laboratory and Medical Services, VA Medical Center, Minneapolis, MN USA
SO Journal of Investigative Medicine, (Aug., 1999) Vol. 47, No. 7, pp. 254A.
Meeting Info.: Meeting of the American Federation for Medical Research, Midwestern Regional Chicago, Illinois, USA September 16-18, 1999 American Federation for Medical Research
. ISSN: 1081-5589.
DT Conference
LA English

L8 ANSWER 6 OF 9 BIOSIS COPYRIGHT 2001 BIOSIS
AN 1999:524794 BIOSIS
DN PREV199900524794
TI The human plasma GSH-peroxidase which reduces organic hydroperoxides is only in the HDL fraction and is inhibited by **homocysteine**.
AU Holtzman, Jordan L. (1); Chen, Nengqian (1); **Liu, Yuxiu**; Greiner, Charles D.
CS (1) VAMC/Univ. Minn., Minneapolis, MN USA
SO Circulation, (Oct. 27, 1998) Vol. 98, No. 17 SUPPL., pp. I802.
Meeting Info.: 71st Scientific Sessions of the American Heart Association Dallas, Texas, USA November 8-11, 1998 The American Heart Association
. ISSN: 0009-7322.
DT Conference
LA English

L8 ANSWER 7 OF 9 BIOSIS COPYRIGHT 2001 BIOSIS
AN 1998:465246 BIOSIS
DN PREV199800465246

TI The human plasma GSH-peroxidase which reduces organic hydroperoxides is only in the high density lipoprotein fraction and is inhibited by **homocysteine**.
AU Chen, N.-Q. (1); **Liu, Y.-X.**; Greiner, C. D.; Holtzman, J. L.
CS (1) Dep. Med., Univ. Minnesota, Minneapolis, MN USA
SO Journal of Investigative Medicine, (Sept., 1998) Vol. 46, No. 7, pp. 288A.
Meeting Info.: Meeting of the American Federation for Medical Research, Midwestern Regional Chicago, Illinois, USA September 17-19, 1998 American Federation for Medical Research
. ISSN: 1081-5589.
DT Conference
LA English

L8 ANSWER 8 OF 9 CAPLUS COPYRIGHT 2001 ACS
AN 1996:710281 CAPLUS
DN 126:54268
TI Polymer- versus Silica-Based Separation Media: Elimination of Nonspecific Interactions in the Chiral Recognition Process through Functional Polymer Design
AU **Liu, Yuelong**; Svec, Frantisek; Frechet, Jean M. J.; Juneau, Kathy N.
CS Baker Laboratory, Cornell University, Ithaca, NY, 14853-1301, USA
SO Anal. Chem. (1997), 69(1), 61-65
CODEN: ANCHAM; ISSN: 0003-2700
PB American Chemical Society
DT Journal
LA English

L8 ANSWER 9 OF 9 CAPLUS COPYRIGHT 2001 ACS DUPLICATE 4
AN 1996:71220 CAPLUS
DN 124:111738
TI Immunoassay for **homocysteine**
IN Van Atta, Reuel B.; Goodman, Thomas C.; **Ullman, Edwin F.**
PA Syntex (USA) Inc., USA
SO PCT Int. Appl., 43 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9530151	A1	19951109	WO 1995-US5201	19950427
	W: AM, AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LT, LU, LV, MD, MG, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TT				
	RW: KE, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	US 5478729	A	19951226	US 1994-234456	19940428
	CA 2188752	AA	19951109	CA 1995-2188752	19950427
	AU 9525844	A1	19951129	AU 1995-25844	19950427
	EP 757794	A1	19970212	EP 1995-920371	19950427
	EP 757794	B1	19980819		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
	JP 09512634	T2	19971216	JP 1995-528372	19950427
	ES 2133772	T3	19990916	ES 1995-920371	19950427
PRAI	US 1994-234456		19940428		

09/393,579

(FILE 'HOME' ENTERED AT 14:56:17 ON 27 APR 2001)

FILE 'REGISTRY' ENTERED AT 14:56:43 ON 27 APR 2001

		E	PHOSPHINE/CN
L1	2	S	E3
		E	TRIS(CARBOXYETHYL)PHOSPHINE/CN
L2	1	S	E3
L3			STRUCTURE UPLOADED
L4			QUE L3
L5	2	S	L4 SSS FULL

FILE 'CAPLUS' ENTERED AT 14:58:57 ON 27 APR 2001

L6	1	S	L5
L7	6132	S	L1 OR L2
L8	14087	S	(ALKYLAT?)(3A)(AGENT? OR COMPOUND? OR REAGENT?)
L9	329	S	?ACETYLBENZOIC?
L10	185	S	(BABA OR CABA)
L11	14598	S	L8-L10
L12	2	S	L7 AND L11

L12 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2001 ACS
AN 2001:186030 CAPLUS
DN 134:219382
TI Composition and test kit for protecting groups used in biological labeling
comprising protected **alkylating reagent** and deprotecting enzyme
IN De Keczer, Steve; Liu, Yen Ping; Davalian, Dariush; Kurn, Nurith; Ullman, Edwin F.
PA Dade Behring Inc., USA
SO PCT Int. Appl., 71 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2001018548	A2	20010315	WO 2000-US22397	20000815
W: JP				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
PRAI US 1999-393579	A	19990909		

=> d 2 cbib,ab,hit

QP 551. P697

L12 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2001 ACS
1994:239584 Document No. 120:239584 Disulfide structures of highly bridged peptides: A new strategy for analysis. Gray, William R. (Dep. Biol., Univ. Utah, Salt Lake City, UT, 84112, USA). Protein Sci., 2(10), 1732-48
(English) 1993. CODEN: PRCIEI. ISSN: 0961-8368.
AB A new approach is described for analyzing disulfide linkage patterns in peptides contg. tightly clustered cystines. Such peptides are very difficult to analyze with traditional strategies, which require that the peptide chain be split between close or adjacent Cys residues. Water-sol.
tris-(2-carboxyethyl)-phosphine (TCEP) reduced disulfides at pH 3, and partially reduced peptides were purified by HPLC with minimal thiol-disulfide exchange. Alkylation of free thiols, followed by sequencer anal., provided explicit assignment of disulfides that had been reduced. Thiol-disulfide exchange occurred during alkylation of some peptides, but correct deductions were still possible. Alkylation competed
best with exchange when the peptide soln. was added with rapid mixing to 2.2M iodoacetamide. Variants were developed in which up to three **alkylating agents** were used to label different pairs of thiols, allowing a full assignment in one sequencer anal. Model peptides used included insulin (three bridges, intra- and interchain disulfides; -Cys.cntdot.Cys- pair), endothelin and apamin (two disulfides; -Cys.cntdot.x.cntdot.Cys- pair), conotoxin GI and isomers (two disulfides;
-Cys.cntdot.Cys- pair), and bacterial enterotoxin (three bridges within 13
residues; two -Cys.cntdot.Cys- pairs). With insulin, all intermediates in
the redn. pathway were identified; with conotoxin GI, anal. was carried out successfully for all three disulfide isomers. In addn. to these known

structures, the method was applied successfully to the anal. of several previously unsolved structures of similar complexity. Rates of redn. of disulfide bonds varied widely, but most peptides did not show a strongly preferred route for redn.

AB A new approach is described for analyzing disulfide linkage patterns in peptides contg. tightly clustered cystines. Such peptides are very difficult to analyze with traditional strategies, which require that the peptide chain be split between close or adjacent Cys residues.

Water-sol.

tris-(2-carboxyethyl)-phosphine (TCEP) reduced disulfides at pH 3, and partially reduced peptides were purified by HPLC with minimal thiol-disulfide exchange. Alkylation of free thiols, followed by sequencer anal., provided explicit assignment of disulfides that had been reduced. Thiol-disulfide exchange occurred during alkylation of some peptides, but correct deductions were still possible. Alkylation competed

best with exchange when the peptide soln. was added with rapid mixing to 2.2M iodoacetamide. Variants were developed in which up to three **alkylating agents** were used to label different pairs of thiols, allowing a full assignment in one sequencer anal. Model peptides used included insulin (three bridges, intra- and interchain disulfides; -Cys.cntdot.Cys- pair), endothelin and apamin (two disulfides; -Cys.cntdot.x.cntdot.Cys- pair), conotoxin GI and isomers (two disulfides;

-Cys.cntdot.Cys- pair), and bacterial enterotoxin (three bridges within 13

residues; two -Cys.cntdot.Cys- pairs). With insulin, all intermediates in

the redn. pathway were identified; with conotoxin GI, anal. was carried out successfully for all three disulfide isomers. In addn. to these known

structures, the method was applied successfully to the anal. of several previously unsolved structures of similar complexity. Rates of redn. of disulfide bonds varied widely, but most peptides did not show a strongly preferred route for redn.

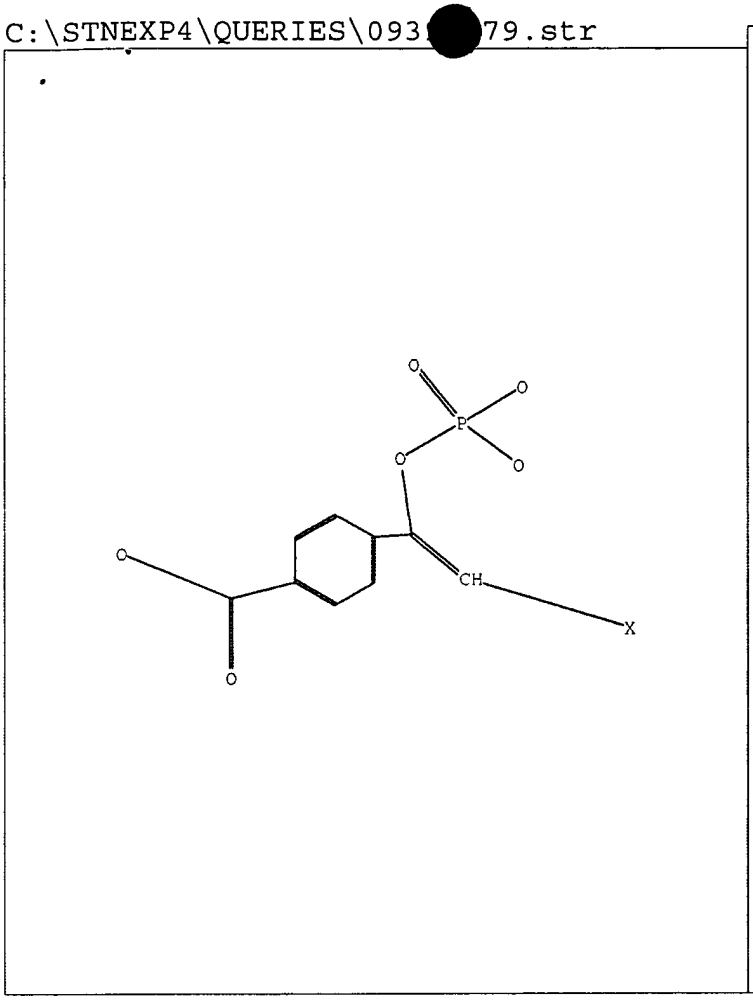
IT **5961-85-3**, Tris-(2-carboxyethyl)-phosphine

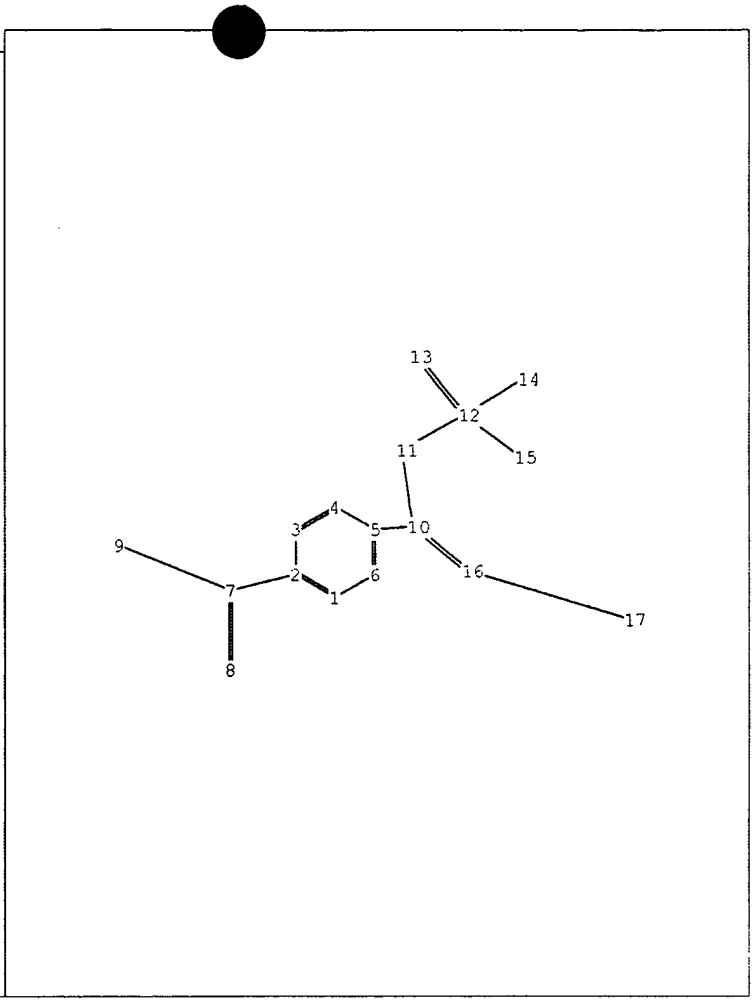
RL: RCT (Reactant)

(redn. by, of disulfide-contg. peptides for linkage pattern anal.)

=>

C:\STNEXP4\QUERIES\093[redacted]79.str





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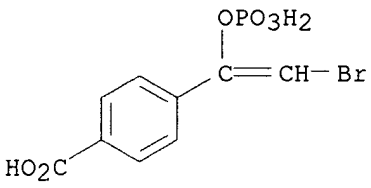
7 8 9 10 11 12 13 14 15 16 17
ring nodes :
1 2 3 4 5 6
chain bonds :
2-7 5-10 7-8 7-9 10-11 10-16 11-12 12-13 12-14 12-15 16-17
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6
exact/norm bonds :
7-8 7-9 10-11 11-12 12-13 12-14 12-15
exact bonds :
2-7 5-10 10-16 16-17
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6

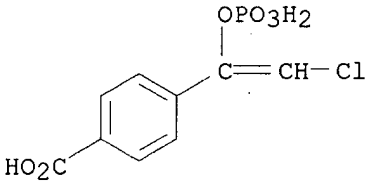
Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS
9:CLASS 10:CLASS 11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS
16:CLASS 17:CLASS

L5 ANSWER 1 OF 2 REGISTRY COPYRIGHT 2001 ACS
RN 329717-21-7 REGISTRY
CN Benzoic acid, 4-[2-bromo-1-(phosphonooxy)ethenyl]- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C9 H8 Br O6 P
SR CA
LC STN Files: CA, CAPLUS



1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

L5 ANSWER 2 OF 2 REGISTRY COPYRIGHT 2001 ACS
RN 329717-20-6 REGISTRY
CN Benzoic acid, 4-[2-chloro-1-(phosphonooxy)ethenyl]- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C9 H8 Cl O6 P
SR CA
LC STN Files: CA, CAPLUS



1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

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L6 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2001 ACS
AN 2001:186030 CAPLUS
DN 134:219382
TI Composition and test kit for protecting groups used in biological labeling
comprising protected alkylating reagent and deprotecting enzyme
IN De Keczer, Steve; Liu, Yen Ping; Davalian, Dariush; Kurn, Nurith; Ullman, Edwin F.
PA Dade Behring Inc., USA
SO PCT Int. Appl., 71 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001018548	A2	20010315	WO 2000-US22397	20000815
	W: JP				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
PRAI	US 1999-393579	A	19990909		